

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 18 CA/Capplus pre-1967 chemical substance index entries enhanced  
with preparation role  
NEWS 4 DEC 18 CA/Capplus patent kind codes updated  
NEWS 5 DEC 18 MARPAT to CA/Capplus accession number crossover limit increased  
to 50,000  
NEWS 6 DEC 18 MEDLINE updated in preparation for 2007 reload  
NEWS 7 DEC 27 CA/Capplus enhanced with more pre-1907 records  
NEWS 8 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals  
NEWS 9 JAN 16 CA/Capplus Company Name Thesaurus enhanced and reloaded  
NEWS 10 JAN 16 IPC version 2007.01 thesaurus available on STN  
NEWS 11 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data  
NEWS 12 JAN 22 CA/Capplus updated with revised CAS roles  
NEWS 13 JAN 22 CA/Capplus enhanced with patent applications from India  
NEWS 14 JAN 29 PHAR reloaded with new search and display fields  
NEWS 15 JAN 29 CAS Registry Number crossover limit increased to 300,000 in  
multiple databases  
NEWS 16 FEB 15 PATDPASPC enhanced with Drug Approval numbers  
NEWS 17 FEB 15 RUSSIAPAT enhanced with pre-1994 records  
NEWS 18 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality  
NEWS 19 FEB 26 MEDLINE reloaded with enhancements  
NEWS 20 FEB 26 EMBASE enhanced with Clinical Trial Number field  
NEWS 21 FEB 26 TOXCENTER enhanced with reloaded MEDLINE  
NEWS 22 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements  
NEWS 23 FEB 26 CAS Registry Number crossover limit increased from 10,000  
to 300,000 in multiple databases  
NEWS 24 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format  
NEWS 25 MAR 16 CASREACT coverage extended  
NEWS 26 MAR 20 MARPAT now updated daily  
NEWS 27 MAR 22 LWPI reloaded

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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FILE 'BIOSIS' ENTERED AT 10:03:25 ON 30 MAR 2007

Copyright (c) 2007 The Thomson Corporation

=> reovirus

L1 5923 REOVIRUS

=> chemotherapy

L2 196477 CHEMOTHERAPY

=> L1 and L2

L3 20 L1 AND L2

=> resistance

L4 1527253 RESISTANCE

=> L4 and L1

L5 149 L4 AND L1

=> L2 and L4

L6 19072 L2 AND L4

=> L6 and L1

L7 0 L6 AND L1

=> D L3 IBIB TI 1-20

L3 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:186404 CAPLUS

DOCUMENT NUMBER: 144:323988

TITLE: Oncolytic viruses for the treatment of malignant glioma

AUTHOR(S): Merrill, Melinda K.; Selznick, Lee A.; Gromeier, Matthias

CORPORATE SOURCE: Department of Molecular Genetics & Microbiology, Duke University Medical Center, Durham, NC, 27710, USA

SOURCE: Expert Opinion on Therapeutic Patents (2006), 16(3), 363-371

CODEN: EOTPEG; ISSN: 1354-3776

PUBLISHER: Ashley Publications Ltd.

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

TI Oncolytic viruses for the treatment of malignant glioma

REFERENCE COUNT: 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:29223 CAPLUS

DOCUMENT NUMBER: 142:107380

TITLE: Oncolytic viruses for the treatment of neoplasms having activated protein phosphatase 2A (PP2A) or Rac

INVENTOR(S): Lee, Patrick W. K.; Norman, Kara L.

PATENT ASSIGNEE(S): Oncolytics Biotech Inc., Can.

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005002607	A2	20050113	WO 2004-CA986	20040706

WO 2005002607 A3 20050506

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2434995 A1 20050107 CA 2003-2434995 20030707

US 2005019308 A1 20050127 US 2004-886022 20040706

PRIORITY APPLN. INFO.: US 2003-484643P P 20030707

TI Oncolytic viruses for the treatment of neoplasms having activated protein phosphatase 2A (PP2A) or Rac

L3 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:615593 CAPLUS

DOCUMENT NUMBER: 142:32319

TITLE: Genetically targeted cancer therapy: Tumor destruction by PKR activation

AUTHOR(S): Vorburger, Stephan A.; Pataer, Abujiang; Swisher, Stephen G.; Hunt, Kelly K.

CORPORATE SOURCE: Department of Surgical Oncology, The University of Texas M. D. Anderson Cancer Center, Houston, TX, USA

SOURCE: American Journal of Pharmacogenomics (2004), 4(3), 189-198

CODEN: AJPMC8; ISSN: 1175-2203

PUBLISHER: Adis International Ltd.

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

TI Genetically targeted cancer therapy: Tumor destruction by PKR activation

REFERENCE COUNT: 120 THERE ARE 120 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:913020 CAPLUS

DOCUMENT NUMBER: 139:375000

TITLE: Method for reducing pain using oncolytic viruses

INVENTOR(S): Morris, Donald; Coffey, Matthew C.; Thompson, Bradley G.

PATENT ASSIGNEE(S): Oncolytics Biotech Inc., Can.

SOURCE: PCT Int. Appl., 40 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003094938	A1	20031120	WO 2003-CA674	20030507
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,			

BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003229431	A1	20031111	AU 2003-229431	20030507
CA 2484398	A1	20031120	CA 2003-2484398	20030507
EP 1505992	A1	20050216	EP 2003-722131	20030507

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

BR 2003009825	A	20050301	BR 2003-9825	20030507
TR 200501460	T3	20050621	TR 2005-1460	20030507
JP 2005526124	T	20050902	JP 2004-503021	20030507
US 2004091458	A1	20040513	US 2003-431580	20030508

PRIORITY APPLN. INFO.:  
US 2002-378675P P 20020509  
US 2003-443177P P 20030129  
WO 2003-CA674 W 20030507

TI Method for reducing pain using oncolytic viruses  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2003:117571 CAPLUS  
DOCUMENT NUMBER: 138:158746  
TITLE: Modified reoviral therapy  
INVENTOR(S): Han, Xiang-Yang; Tarrand, Jeffrey  
PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA  
SOURCE: PCT Int. Appl., 59 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003011230	A2	20030213	WO 2002-US27089	20020802
WO 2003011230	A3	20031224		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,  
CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002335667	A1	20030217	AU 2002-335667	20020802
US 2003039656	A1	20030227	US 2002-211218	20020802

PRIORITY APPLN. INFO.:  
US 2001-310206P P 20010803  
WO 2002-US27089 W 20020802

TI Modified reoviral therapy

L3 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:368769 CAPLUS  
DOCUMENT NUMBER: 136:363824  
TITLE: Reovirus-based methods for the treatment of  
cellular proliferative disorders  
INVENTOR(S): Coffey, Matthew C.  
PATENT ASSIGNEE(S): Oncolytics Biotech, Inc., Can.  
SOURCE: PCT Int. Appl., 57 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002039117	A1	20020516	WO 2001-CA1512	20011026
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2428206	A1	20020516	CA 2001-2428206	20011026
CA 2428206	C	20050927		
AU 2002012022	A5	20020521	AU 2002-12022	20011026
EP 1332366	A1	20030806	EP 2001-980092	20011026
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001015235	A	20031014	BR 2001-15235	20011026
JP 2004512385	T	20040422	JP 2002-541391	20011026
NZ 524937	A	20041029	NZ 2001-524937	20011026
US 2002086284	A1	20020704	US 2001-985756	20011106
US 7052832	B2	20060530		
ZA 2003002086	A	20040315	ZA 2003-2086	20030314
US 2006172288	A1	20060803	US 2006-394609	20060331
PRIORITY APPLN. INFO.:				
			US 2000-246728P	P 20001109
			WO 2001-CA1512	W 20011026
			US 2001-985756	A3 20011106

TI Reovirus-based methods for the treatment of cellular  
proliferative disorders

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2002:241289 CAPLUS  
 DOCUMENT NUMBER: 136:257234  
 TITLE: Purging of cells using viruses  
 INVENTOR(S): Atkins, Harold L.; Bell, John C.; Heilman, Conrad J.;  
 Lichty, Brian D.; Lorence, Robert M.; Roberts, Michael  
 S.; Stojdl, David F.  
 PATENT ASSIGNEE(S): Can.  
 SOURCE: U.S. Pat. Appl. Publ., 7 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002037543	A1	20020328	US 2001-888626	20010626
CA 2412493	A1	20020103	CA 2001-2412493	20010626
WO 2002000233	A2	20020103	WO 2001-US41121	20010626
WO 2002000233	A3	20020822		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

EP 1297121	A2	20030402	EP 2001-957529	20010626
EP 1297121	B1	20050504		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004501200	T	20040115	JP 2002-505015	20010626
AT 294858	T	20050515	AT 2001-957529	20010626
RU 2270685	C2	20060227	RU 2003-101966	20010626
ZA 2003000016	A	20040122	ZA 2003-16	20030102
HK 1052950	A1	20050624	HK 2003-105013	20030711
US 2004109878	A1	20040610	US 2003-717101	20031119
US 7192580	B2	20070320		
PRIORITY APPLN. INFO.:			US 2000-214014P	P 20000626
			US 2001-888626	B1 20010626
			WO 2001-US41121	W 20010626
TI Purging of cells using viruses				
L3 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN				
ACCESSION NUMBER:		2001:824163 CAPLUS		
DOCUMENT NUMBER:		136:36304		
TITLE:		Caspase 8-dependent sensitization of cancer cells to TRAIL-induced apoptosis following reovirus-infection		
AUTHOR(S):		Clarke, Penny; Meintzer, Suzanne M.; Spalding, Aaron C.; Johnson, Gary L.; Tyler, Kenneth L.		
CORPORATE SOURCE:		Department of Neurology, University of Colorado Health Sciences, Denver, CO, 80262, USA		
SOURCE:		Oncogene (2001), 20(47), 6910-6919 CODEN: ONCNES; ISSN: 0950-9232		
PUBLISHER:		Nature Publishing Group		
DOCUMENT TYPE:		Journal		
LANGUAGE:		English		
TI		Caspase 8-dependent sensitization of cancer cells to TRAIL-induced apoptosis following reovirus-infection		
REFERENCE COUNT:		43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		
L3 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN				
ACCESSION NUMBER:		2000:79974 CAPLUS		
DOCUMENT NUMBER:		133:12199		
TITLE:		A review of gene therapy for the treatment of central nervous system tumors		
AUTHOR(S):		Qureshi, Nazer H.; Chiocca, E. Antonio		
CORPORATE SOURCE:		Neurosurgical Service, Harvard Medical School, Boston, MA, 02114, USA		
SOURCE:		Critical Reviews in Oncogenesis (1999), 10(4), 261-274 CODEN: CRONEI; ISSN: 0893-9675		
PUBLISHER:		Begell House, Inc.		
DOCUMENT TYPE:		Journal; General Review		
LANGUAGE:		English		
TI		A review of gene therapy for the treatment of central nervous system tumors		
REFERENCE COUNT:		134 THERE ARE 134 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		
L3 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN				
ACCESSION NUMBER:		2000:52085 CAPLUS		
DOCUMENT NUMBER:		132:193045		
TITLE:		Oncolytic viruses as novel anticancer agents: turning one scourge against another		
AUTHOR(S):		Smith, Edward R.; Chiocca, E. Antonio		
CORPORATE SOURCE:		Molecular Neuro-oncology Laboratories, Neurosurgery Service, Massachusetts General Hospital, CNY6, Charlestown, MA, 02119, USA		

SOURCE: Expert Opinion on Investigational Drugs (2000), 9(2), 311-327  
CODEN: EOIDER; ISSN: 1354-3784  
PUBLISHER: Ashley Publications  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
TI Oncolytic viruses as novel anticancer agents: turning one scourge against another  
REFERENCE COUNT: 140 THERE ARE 140 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1993:253010 CAPLUS  
DOCUMENT NUMBER: 118:253010  
TITLE: Tumor necrosis factor- $\alpha$  induction by reovirus serotype 3  
AUTHOR(S): Farone, Anthony L.; O'Brien, Patricia C. M.; Cox, Donald C.  
CORPORATE SOURCE: Dep. Microbiol., Miami Univ., Oxford, OH, 45056, USA  
SOURCE: Journal of Leukocyte Biology (1993), 53(2), 133-7  
CODEN: JLBIE7; ISSN: 0741-5400  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
TI Tumor necrosis factor- $\alpha$  induction by reovirus serotype 3

L3 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1988:400355 CAPLUS  
DOCUMENT NUMBER: 109:355  
TITLE: Characteristics of reovirus-mediated chemoimmunotherapy of murine L1210 leukemia  
AUTHOR(S): Bryson, James S.; Cox, Donald C.  
CORPORATE SOURCE: Dep. Microbiol., Miami Univ., Oxford, OH, 45056, USA  
SOURCE: Cancer Immunology Immunotherapy (1988), 26(2), 132-8  
CODEN: CIIMDN; ISSN: 0340-7004  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
TI Characteristics of reovirus-mediated chemoimmunotherapy of murine L1210 leukemia

L3 ANSWER 13 OF 20 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
ACCESSION NUMBER: 2005:189830 BIOSIS  
DOCUMENT NUMBER: PREV200500189862  
TITLE: Oncolytic viruses for cancer therapy I. Cell-external factors: Virus entry and receptor interaction.  
AUTHOR(S): Campbell, Stephanie A.; Gromeier, Matthias [Reprint Author]  
CORPORATE SOURCE: Med CtrDept Mol Genet and Microbiol, Duke Univ, Box 3020, Durham, NC, 27710, USA  
grome001@mc.duke.edu  
SOURCE: Onkologie, (2005) Vol. 28, No. 3, pp. 144-149. print.  
CODEN: ONKOD2. ISSN: 0378-584X.  
DOCUMENT TYPE: Article  
General Review; (Literature Review)  
LANGUAGE: English  
ENTRY DATE: Entered STN: 18 May 2005  
Last Updated on STN: 18 May 2005  
TI Oncolytic viruses for cancer therapy I. Cell-external factors: Virus entry and receptor interaction.

L3 ANSWER 14 OF 20 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
ACCESSION NUMBER: 2001:537037 BIOSIS  
DOCUMENT NUMBER: PREV200100537037

**TITLE:** Caspase 8-dependent sensitization of cancer cells to TRAIL-induced apoptosis following reovirus infection.

**AUTHOR(S):** Clarke, Penny; Meintzer, Suzanne M.; Spalding, Aaron C.; Johnson, Gary L.; Tyler, Kenneth L. [Reprint author]

**CORPORATE SOURCE:** Department of Neurology, University of Colorado Health Sciences Center, 4200 East 9th Avenue, B 182, Denver, CO, 80262, USA  
Ken.Tyler@uchsc.edu

**SOURCE:** Oncogene, (18 October, 2001) Vol. 20, No. 47, pp. 6910-6919. print.  
CODEN: ONCNES. ISSN: 0950-9232.

**DOCUMENT TYPE:** Article

**LANGUAGE:** English

**ENTRY DATE:** Entered STN: 14 Nov 2001  
Last Updated on STN: 25 Feb 2002

**TI** Caspase 8-dependent sensitization of cancer cells to TRAIL-induced apoptosis following reovirus-infection.

**L3** ANSWER 15 OF 20 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

**ACCESSION NUMBER:** 2001:224430 BIOSIS

**DOCUMENT NUMBER:** PREV200100224430

**TITLE:** Other future perspectives in glioma therapy.

**AUTHOR(S):** Heimans, J. J. [Reprint author]

**CORPORATE SOURCE:** Department of Neurology, Free University Hospital, Amsterdam, Netherlands

**SOURCE:** European Journal of Neurology, (November, 2000) Vol. 7, No. Supplement 3, pp. 148. print.  
Meeting Info.: 5th Congress of the European Federation of Neurological Societies. Copenhagen, Denmark. October 14-18, 2000. European Federation of Neurological Societies.  
ISSN: 1351-5101.

**DOCUMENT TYPE:** Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)

**LANGUAGE:** English

**ENTRY DATE:** Entered STN: 9 May 2001  
Last Updated on STN: 18 Feb 2002

**TI** Other future perspectives in glioma therapy.

**L3** ANSWER 16 OF 20 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

**ACCESSION NUMBER:** 1997:239200 BIOSIS

**DOCUMENT NUMBER:** PREV199799538403

**TITLE:** Differential antiviral activity of several IMP dehydrogenase inhibitors.

**AUTHOR(S):** Neyts, J.; Andrei, G.; De Clercq, E.

**CORPORATE SOURCE:** Rega Inst. Med. Res., Katholieke Univ. Leuven, 3000 Leuven, Belgium

**SOURCE:** Antiviral Research, (1997) Vol. 34, No. 2, pp. A87.  
Meeting Info.: Meeting of the International Society for Antiviral Research and the Tenth International Conference on Antiviral Research. Atlanta, Georgia, USA. April 6-11, 1997.  
CODEN: ARSRDR. ISSN: 0166-3542.

**DOCUMENT TYPE:** Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)

**LANGUAGE:** English

**ENTRY DATE:** Entered STN: 2 Jun 1997  
Last Updated on STN: 2 Jun 1997

**TI** Differential antiviral activity of several IMP dehydrogenase inhibitors.

**L3** ANSWER 17 OF 20 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on



STN  
ACCESSION NUMBER: 1995:251094 BIOSIS  
DOCUMENT NUMBER: PREV199598265394  
TITLE: Viruses and viral diseases of salmonids.  
AUTHOR(S): Sano, Tokuo  
CORPORATE SOURCE: Dep. Zool., Natl. Taiwan Univ., Fisheries Sci. Build., Room  
206, Taipei 10764, Taiwan  
SOURCE: Aquaculture, (1995) Vol. 132, No. 1-2, pp. 43-52.  
CODEN: AQCLAL. ISSN: 0044-8486.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 13 Jun 1995  
Last Updated on STN: 13 Jun 1995  
TI Viruses and viral diseases of salmonids.

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ACCESSION NUMBER: 1993:231007 BIOSIS  
DOCUMENT NUMBER: PREV199395122182  
TITLE: Tumor necrosis factor-alpha induction by reovirus  
serotype 3.  
AUTHOR(S): Farone, Anthony L. [Reprint author]; O'Brien, Patricia C.  
M.; Cox, Donald C.  
CORPORATE SOURCE: Harvard Sch. Public Health, Respiratory Biol. Program, Dep.  
Environmental Health, Build. 1, Room 307, 665 Huntington  
Ave., Boston, MA 20115, USA  
SOURCE: Journal of Leukocyte Biology, (1993) Vol. 53, No. 2, pp.  
133-137.  
CODEN: JLBIE7. ISSN: 0741-5400.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 7 May 1993  
Last Updated on STN: 7 May 1993  
TI Tumor necrosis factor-alpha induction by reovirus serotype 3.

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ACCESSION NUMBER: 1988:289410 BIOSIS  
DOCUMENT NUMBER: PREV198886017677; BA86:17677  
TITLE: CHARACTERISTICS OF REOVIRUS-MEDIATED  
CHEMOIMMUNOTHERAPY OF MURINE L1210 LEUKEMIA.  
AUTHOR(S): BRYSON J S [Reprint author]; COX D C  
CORPORATE SOURCE: DEP MICROBIOL, MIAMI UNIV, OXFORD, OHIO 45056, USA  
SOURCE: Cancer Immunology Immunotherapy, (1988) Vol. 26, No. 2, pp.  
132-138.  
CODEN: CIIMDN. ISSN: 0340-7004.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 16 Jun 1988  
Last Updated on STN: 16 Jun 1988  
TI CHARACTERISTICS OF REOVIRUS-MEDIATED CHEMOIMMUNOTHERAPY OF  
MURINE L1210 LEUKEMIA.

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ACCESSION NUMBER: 1976:223453 BIOSIS  
DOCUMENT NUMBER: PREV197662053453; BA62:53453  
TITLE: STATE AND PROSPECTS OF CHEMO THERAPY IN VIRAL INFECTIONS.  
AUTHOR(S): PERSHIN G N  
SOURCE: Farmakologiya i Toksikologiya (Moscow), (1975) Vol. 38, No.  
5, pp. 517-527.  
CODEN: FATOAO. ISSN: 0014-8318.  
DOCUMENT TYPE: Article

FILE SEGMENT: BA  
LANGUAGE: Unavailable  
TI STATE AND PROSPECTS OF CHEMO THERAPY IN VIRAL INFECTIONS.

=> D L3 IBIB ABS 19

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ACCESSION NUMBER: 1988:289410 BIOSIS  
DOCUMENT NUMBER: PREV198886017677; BA86:17677  
TITLE: CHARACTERISTICS OF REOVIRUS-MEDIATED  
CHEMOIMMUNOTHERAPY OF MURINE L1210 LEUKEMIA.  
AUTHOR(S): BRYSON J S [Reprint author]; COX D C  
CORPORATE SOURCE: DEP MICROBIOL, MIAMI UNIV, OXFORD, OHIO 45056, USA  
SOURCE: Cancer Immunology Immunotherapy, (1988) Vol. 26, No. 2, pp.  
132-138.  
CODEN: CIIMDN. ISSN: 0340-7004.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 16 Jun 1988  
Last Updated on STN: 16 Jun 1988

AB We have previously demonstrated the ability of reovirus to function synergistically with chemotherapy in the treatment of murine EL-4 lymphoma. This study characterizes this treatment regimen in the therapy of L1210 leukemia. Animals with an estimated tumor burden of 107 cells were treated with 9 mg/kg 1,3-bis(2-chloroethyl)-1-nitrosourea. Reovirus type 3, which had been quantitated either by particles or plaque-forming units (pfu), was administered 48 h after chemotherapy. Complete remission of tumor was observed in 80% of the animals which received either 1011 particles or 109 pfu of reovirus. Cured animals were resistant to challenge with homologous tumor, but were susceptible to challenge with heterologous tumor. Reovirus undergoes limited replication at the tumor site, and virus-specific antibody appears only after disappearance of reovirus-infected cells and virus from the ascites fluid. Reovirus appears to function therapeutically by inducing a tumor-specific cytolytic immune response.

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